

ST-AM100

Dynamic Strain Amplifier

FEATURE

This product is a dynamic strain amplifier which is inexpensive and designed and manufactured to be suitable for instrument control panel.

It is used for amplification of strain gauge application sensor for use.

- Built-in step-by-step filtering
- Built-in automatic temperature compensation circuit
- Easy to adjust Zero and Span by volume
- Response frequency DC~20kHz

SPECIFICATION

Bridge voltage	Constant voltage DC 5V, 10V
Application bridge resistance	100Ω ~ 1kΩ
Rated output	Voltage ±10V (load resistance more than 200Ω) Current 4~20mA (load resistance less than 300Ω)
Zero adjustment range	10%, 10 rotations
Sensitivity adjustment range	1500 multiplier
S/N rate	51dB
Frequency response	DC ~20kHz (-3dB)
Low pass filter	10Hz, 100Hz, 1kHz, Pass
Non-linearity	0.02% F.S
Usage temperature range	-10℃ ~ 60℃
Humidity	Less than 80% RH
POWER	AC 220V 50/60Hz (AC 110V:Option)



DIMENSION (mm)

